

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-033818

(43)Date of publication of application : 07.02.1997

(51)Int.Cl. G02B 21/02
G02B 21/16

(21)Application number : 07-207603

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(22)Date of filing : 21.07.1995

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(54) OBJECTIVE LENS FOR MICROSCOPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a semiapochromat class objective lens for a microscope which has about 20 magnifications, whose image surface is flat from its center to its periphery, where aberration is excellently corrected and which can be used for vertical fluorescent observation.

SOLUTION: This lens is provided with a negative meniscus lens component L1 whose concave surface is faced to an object side, a positive meniscus lens component L2 whose concave surface is faced to the object side, a bonded positive lens component L3, a bonded positive lens component L4, and a negative meniscus bonded lens component L5 whose concave surface is faced to an image side in order from the object side; and satisfies conditions such as $-11 < f_1/f < -3$, and $-12 < f_5/f < -7$.



LEGAL STATUS

[Date of request for examination] 26.03.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3435920

[Date of registration] 06.06.2003

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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